

STEM

Center for Young Children

At IU Indianapolis



AUXILIARY SERVICES
CENTER FOR YOUNG CHILDREN
Indiana University Indianapolis

Our STEM Program



- Science, technology, engineering, and math-focused program
- Est. August 2015
- Designed for ages 4 - 5
- 12 kids per classroom (24 total)

Our STEM Program

- Follows Indiana Early Learning Foundations curriculum format
- Utilizes scientific method and the engineering design process
- Days also include art, reading, writing, and playtime to provide a holistic learning experience



Our Teachers



Vikki Tucher

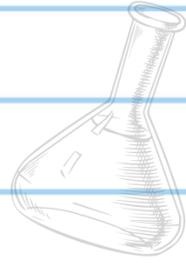


Taylor Gardner

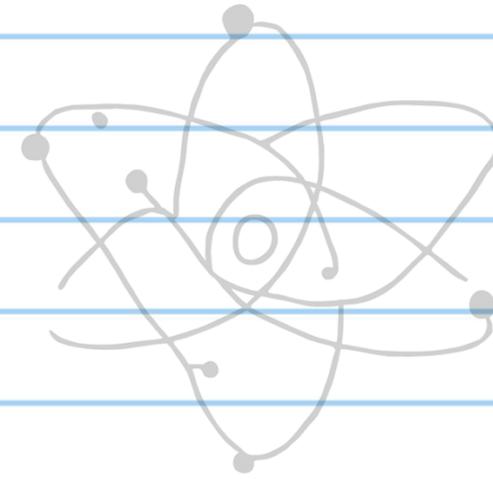
Science

- Experimenting
- Questions
- Scientific Method
- Inquiry
- Hands-On
- Trial and Error
- Messy
- Worth Repeating
- Fun!

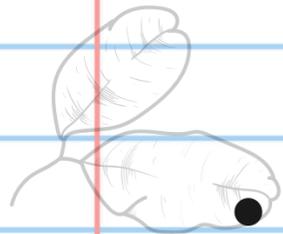




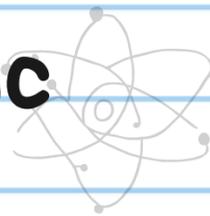
Technology



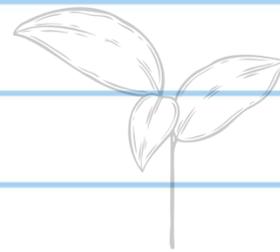
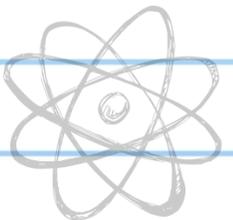
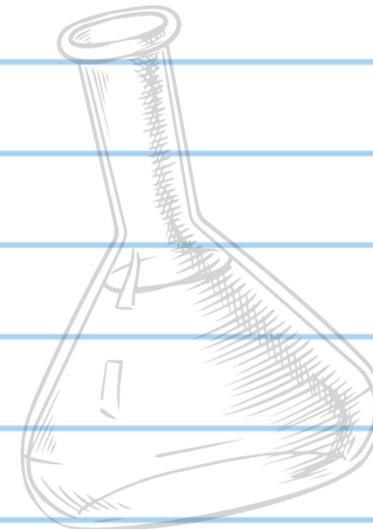
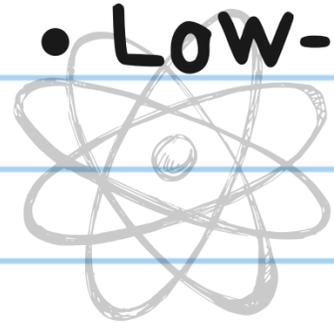
- Any tool that helps us learn about the world or make our lives easier



- High-Tech/ Electronic

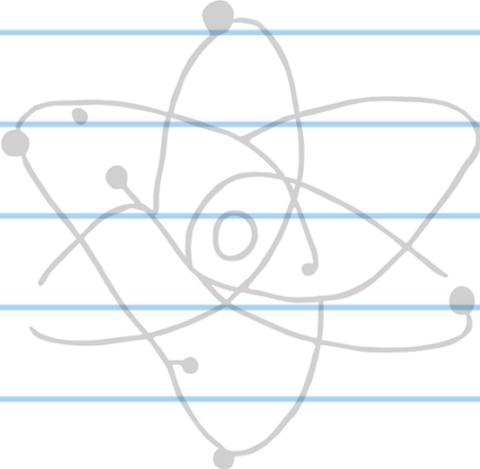


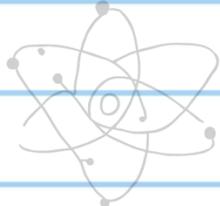
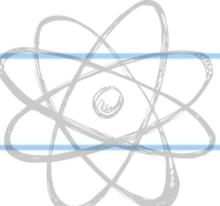
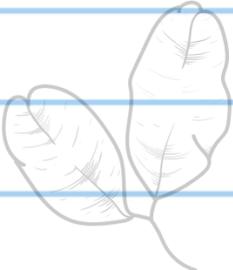
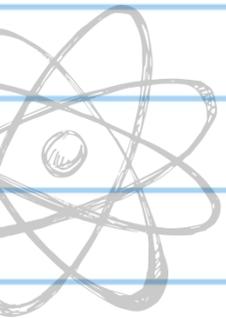
- Low-Tech/ Non-Electronic





Engineering

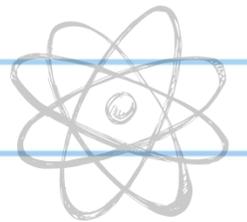


- Design
 - Engineer
 - Create
 - Improve Creations
 - Engineering Design Process
 - Maker-Space
 - Blocks, Lego's Magna-Tiles, Wood Builders, Recyclables, Marble Run, Playstix, and so much more!
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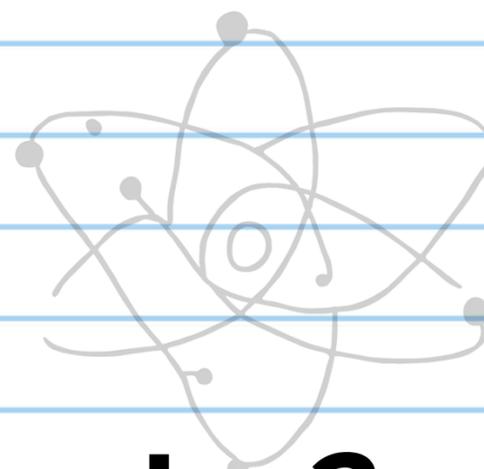
Mathematics

- Counting
- Sorting
- Patterns
- Measurement
- Constructing and Deconstructing Numbers
- Comparing
- Classifying



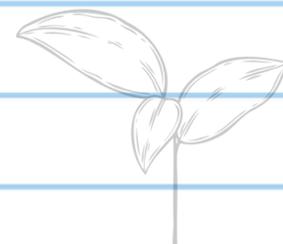
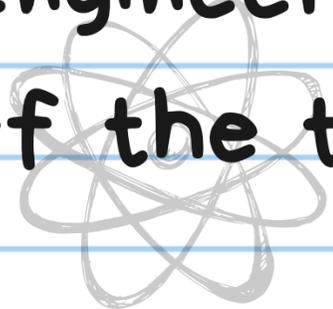
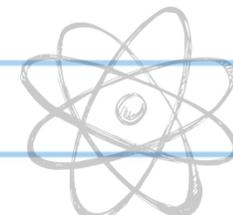


FAQs



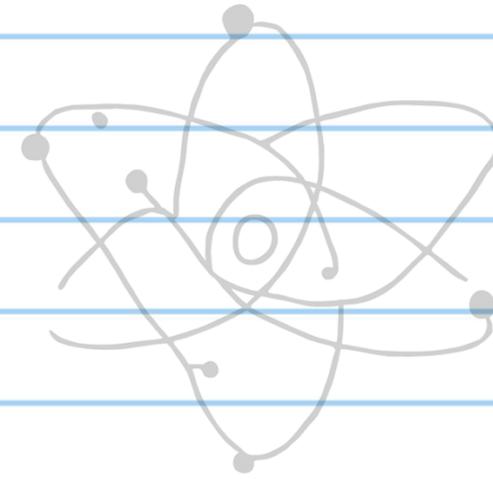
Do you only study science topics?

Not always directly. Almost everything your child engages in has some sort of science related area! For example, during our unit on fairy tales, we used engineering skills to figure out how to get Rapunzel out of the tower.





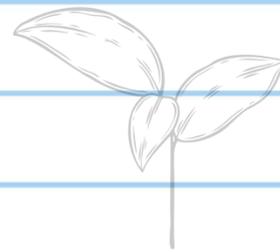
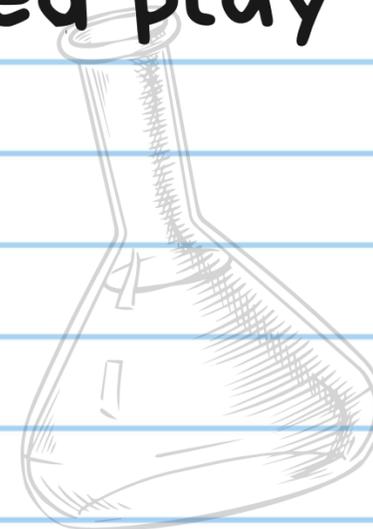
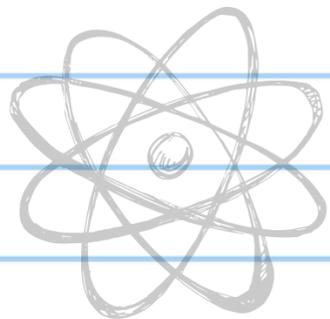
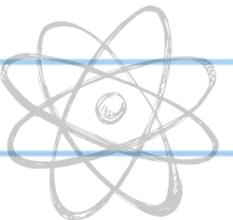
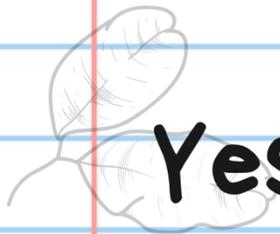
FAQs



Do you still do traditional preschool activities?

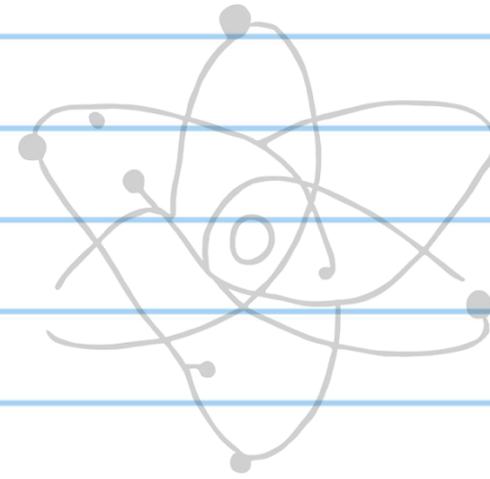


Yes! We read stories, have unstructured play time, art activities, and much more!





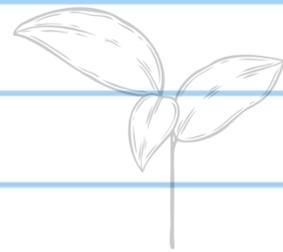
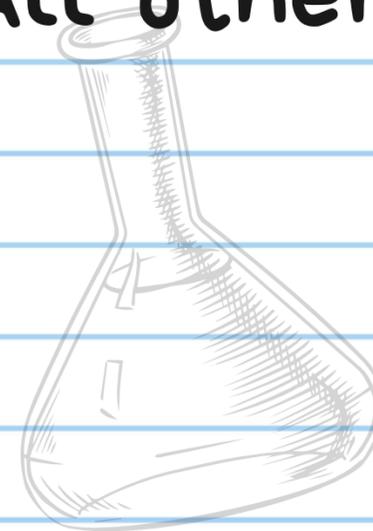
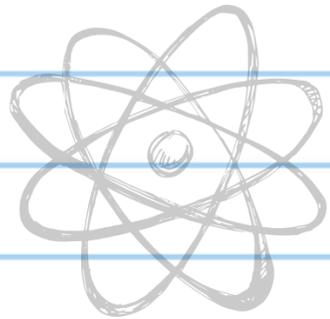
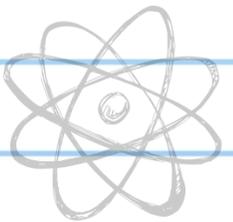
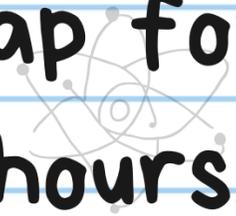
FAQs



Do you still nap, even though it's Pre-K?



The two STEM rooms nap for 1 hour. All other rooms in our building nap for 2 hours.

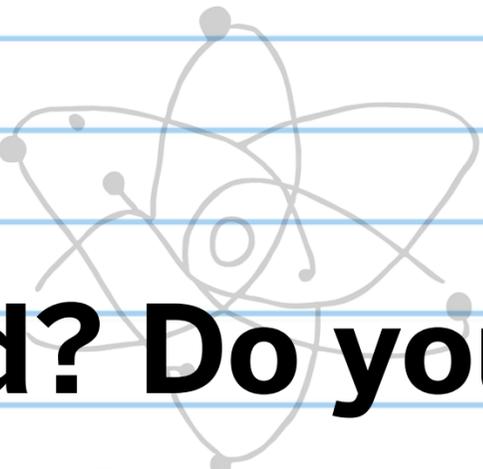




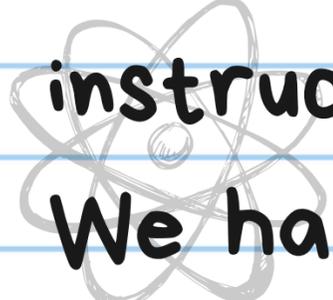
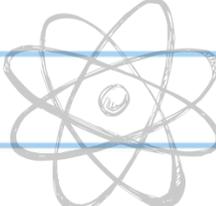
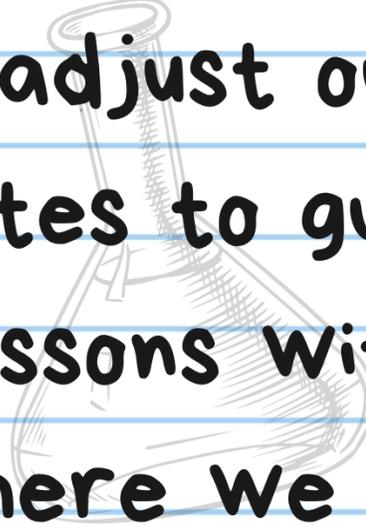
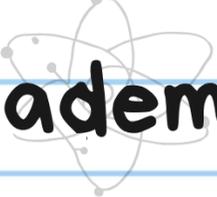
FAQs



How do you assess my child? Do you have parent/teacher conferences?



We assess your child in a variety of ways. We conduct monthly assessments in our STEM rooms to determine where your child is academically and adjust our teaching from there. We also use anecdotal notes to guide instruction so we can differentiate lessons with your child. We have conference twice a year, where we share your child's progress with you!



Contact Information



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